

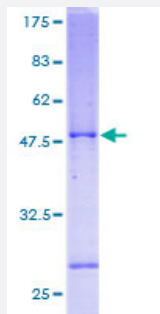
Full-Length

SELS (Human) Recombinant Protein (P01)

Catalog # H00055829-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human SELS full-length ORF (AAH05840, 1 a.a. - 189 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MERQEESSLARPALETEGLRFLHTTVGSLLATYGWYVFCILLYVVFQKLSARLRALRQRQLDRA AAAVEPDVVVKRQEALAAARLKMQEELNAQVEKHKEKLKQLEEEKRRQKIEVWDSMQEGKSYK GNAKKPQEEDSPGPSTSSVLKRKSDRKPLRGGGYNPLSGEGGGACSWRPGRGPSSGG*G
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	46.53
Interspecies Antigen Sequence	Mouse (82); Rat (83)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — SELS

Entrez GeneID [55829](#)

GeneBank Accession# [BC005840](#)

Protein Accession# [AAH05840](#)

Gene Name SELS

Gene Alias AD-015, ADO15, MGC104346, MGC2553, SBB18, SEPS1, VIMP

Gene Description selenoprotein S

Omim ID [607918](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a selenoprotein, which contains a selenocysteine (Sec) residue at its active site. The selenocysteine is encoded by the UGA codon that normally signals translation termination. The 3' UTR of selenoprotein genes have a common stem-loop structure, the sec insertion sequence (SECIS), that is necessary for the recognition of UGA as a Sec codon rather than as a stop signal. Studies suggest that this protein may regulate cytokine production, and thus play a key role in the control of the inflammatory response. Two alternatively spliced transcript variants encoding the same protein have been found for this gene. [provided by RefSeq]

Other Designations VCP-interacting membrane

Disease

- [Arthritis](#)
- [Atherosclerosis](#)
- [Calcinosis](#)
- [Cardiovascular Diseases](#)
- [Colorectal Neoplasms](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Genetic Predisposition to Disease](#)
- [Helicobacter Infections](#)
- [Inflammation](#)
- [Metabolic Diseases](#)
- [Obesity](#)
- [Osteoarthritis](#)
- [Pre-Eclampsia](#)
- [Stomach Neoplasms](#)